

## Special Issue

# Advanced Control and Power Electronics for Electric Vehicles

### Message from the Guest Editors

The rapid evolution of electric vehicles (EVs) has brought significant advancements in the fields of control systems and power electronics. As the automotive industry shifts towards more sustainable and energy-efficient solutions, the demand for innovative technologies that enhance the performance, efficiency, and reliability of EVs is paramount. This Special Issue aims to gather high-quality research contributions that address recent developments and emerging trends in advanced control strategies and power electronics applications specifically tailored for electric vehicles. We invite original research articles, review papers, and case studies on, but not limited to, the following topics:

Advanced Control Strategies;  
Power Electronics;  
Hybrid and Integrated Systems;  
Emerging Technologies.

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### Guest Editors

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### Deadline for manuscript submissions

15 November 2025



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).